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- (a) gas masks must be used,
- (b) rooms should be fully ventilated,
- (c) oxygen should be administered to those who had breathed the gas,
- (d) medical aid should be sought promptly.

The treatment suggested for mustard gas was as follows: absorb liquid with blotting paper, wash with benzol or petroleum, and finally cover area with loose dry gauze. After such attacks, the water must be boiled. In case of cyanide contamination, boiling is not sufficient.

- 3. In June 1951, the Red Cross intensified the campaign for blood donations which was begun in 1945. There was no mention of this campaign on the radio or in the press; rather the campaign was carried on by means of posters but the purpose for which the blood was collected was not included. The response to the campaign was generally good. I know nothing of blood banks or where they are located. I do know that the hospitals were in charge of collecting and preserving blood. It was collected in quantities of 300 cc and kept in small glass containers, sterilized, and hermetically sealed. Blood was stored at sub-zero temperature (Centigrade). I know nothing of a Central Blood Supply and Research Institute, a National Blood Supply Service, nor a State Hygiene Institute. The use of blood transfusions was quite widespread in Hungary. Employed persons got free blood transfusions but those who were not employed by the government, such as older people, had to pay for the transfusions or find a person who would give an equivalent amount of blood. One blood transfusion of 250 cc cost 50 forints. I don't think there was any dry plasma in Hungary, nor have I heard of plasma substitutes, extenders, or "Dentran".
- 4. The ordinary Hungarian, in my opinion, knows practically nothing of bacteriological or chemical warfare. Newspapers have said that the Japanese used biological warfare in World War II. It is common knowledge that there are special units for chemical warfare in the Hungarian Army and that chemists are put into this type of work when they are drafted, but of what their work consists is not generally The following is the procedure for chemists who enter the known. rmy. All chemists, even professors, enter the army as privates unless they are already officers. If it is felt that they are promising, they are selected for officers' school where they take at least a three months course. Upon graduation they become lieutenants. An alternate procedure is that a man may apply for entrance into a Collegium (officer's school); this selection is made by the Military District. Those accepted for this course attend the university classes in chemistry or engineering. When they are commissioned these officers must serve three years in the Army. There is a training school for officers at Szentendre near Budapest, and one of the students at the Eoetvoes Lorand University, Ferenc Nagy, went there in 1951 from April to September. With reference to the military chemical training given those students (particularly those specializing in chemistry) all the information I have was gleaned simply from overhearing students' conversations among themselves; they were presumably forbidden to talk about it. All training was in restricted areas, so that I never saw it. These students were issued Hungarian gas masks, but I never saw anyone around the university carrying one.

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## I think that the following subjects were included in their training: mustard gas, phosgene, carbon monoxide, hydrogen cyanide, chloropitrin, cyanogen broadde, possibly cyanogen chloride (although I am not sure). Theory was taken up during the school year, but practical exercises in chemical warfare were given in summer camps; students took their one-month summer training at Vezprem northwest of Balaton Lake as well as other places, the names of which I do not know. I have no definite knowledge of the military curriculum. 25X1X 5.

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